Bay Area Regional Projects
Improving Water Quality and Flexibility

Meeting with Senator Dianne Feinstein
April 5, 2000

As part of CALFED's commitment to continual improvement in water quality, the Drinking Water Quality Improvement Strategy includes the consideration of regional projects involving the exchange or transfer of alternative, higher quality sources of supply for Bay Area agencies that rely on Delta water. These regional projects may also help alleviate the chronic water quality and supply interruption problems caused by conflicts in Delta operations and lack of system flexibility. These regional projects or a subset of them should be implemented in coordination with the CALFED. Specific regional projects that could provide substantial water quality benefits while increasing system reliability and flexibility are:

- Additional Bay Area surface storage that can be used to store Tuolumne, Mokelumne, or American River water
- Storage of high quality water in groundwater basins
- Connection between Hetch Hetchy Aqueduct and South Bay Aqueduct
- Increase Hetch Hetchy Aqueduct capacity through San Joaquin Pipeline #4
- Connection between Mokelumne Aqueduct-American River and Contra Costa Canal
- Connection between Mokelumne Aqueduct-American River and Los Vaqueros Reservoir
- Connection between Los Vaqueros Reservoir and South Bay Aqueduct
- Connection between Mokelumne Aqueducts-American River and South Bay Aqueduct
- Improved Mokelumne Aqueduct operations/capacity to facilitate Bay Area projects
- Enlarged South Bay Aqueduct or new parallel aqueduct to improve ability to transport increased quantities of high quality water when it is available
- Improvements at or near San Luis Reservoir:
  - By-pass to connect San Felipe Project to California Aqueduct
  - O'Neill Forebay by-pass for California Aqueduct
  - Enlarged Pacheco Reservoir for water quality
- Hood facility/Central Delta Intake (or functional equivalent) with fishery protection
- Relocation of Agricultural drains away from Delta urban intakes

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